

Damping of Coherent Oscillations of a Beam in a Storage Element. Pt II. Synchrotron Excitations, 73  
by Ya. S. Derbenev, N. S. Dikanskiy, 16 pp.  
RUSSIAN, rpt, Institut Yadernoi Fiziki SOAN SSSR,  
Preprint No 318, 1969, 23 pp.  
AEC/ANL-Tr-846-70

*Ya. S. Derbenev*

Sci/Phy  
Oct 70

91  
Stability of a Beam Interacting with a Low-Q  
Resonator, by Ya. S. Derbanov, N. S. Dikanskiy.  
12 pp.

RUSSIAN, rpt, Institut Yadernoy Fiziki SOAN SSSR,  
Preprint No 326, 1969, 13 pp.

AEC/SLAC/Trans-115-70

*Ya. S. Derbanov*

Sci-Phys  
Sep 70

78

(On the Theory of Coherent Transverse Stability of  
a Bunch of Charged Particles, by Ya. S. Derbenev  
and N. S. Dikanskiy, 8 pp.  
RUSSIAN, per. Atomnaya Energiya, Vol 22, No 3,  
Mar 1967, pp 191-194.  
Dept of Navy OHI tr 2455

*Ya. S. Derbenev*

Sci-Physics  
Nov 67

393,745

Vibrations of a Circular Cylindrical Shell with  
a Gas Flowing Within It, by D. A. Derbentsev.  
RUSSIAN, per, Prikl. Mekh., Vol 3, No 3, 1967,  
pp 14-19.  
CIA X-6260

*D. A. Derbentsev*

Sci/Mechan, Indust, Civil  
& Marine Engr.

Jun 67

FOR OFFICIAL USE ONLY

327,617

119

Oscillations of a Supersonic Gas Flow  
in a Channel of Finite Length With  
Oscillating Walls, by D. A. Derbentsev,  
6 pp.

RUSSIAN, per, Priladnaya Mehanika,  
Vol 2, No 9, 1966, pp 124-127  
2100207068-1  
222-22-67-344

*D A Derbentsev*  
sci/physics  
Box 68

364,238

Nature of the Interaction Between C<sup>14</sup>-Dimethyl  
Ether With Alcohols Under Conditions of  
Dehydration Catalysis on Aluminum Oxide, by  
Yu. I. Derbentsev, G. V. Isagulyants.  
RUSSIAN, per, Doklady Akademii Nauk SSSR,  
Vol 177, No 6, Dec 1967, pp 1371-1374.  
CB

Yu. I. DERBENTSEV

Oct 68

363,336

Soviet Youth Organ Suggests Newly Liberated  
Countries to unite for Economic, Political  
Sovereignty, by V. Derbinov, 13 pp.  
RUSSIAN, per, Moloday Komunist, No 7, Jul  
65, pp 21-23, 26-28.  
JPRS 31956

✓  
JPR  
Pol  
Sep 65

Derbinov

287,758

2

Proposal for State Quality Control Discussed,  
by A. Derbisher, 5 pp.

RUSSIAN, np. Pravda, Moscow, 21 Sept 1969,  
p 2.

JIN 49299

*A. Derbisher*

JIN  
6000  
Nov 69

396,445

4  
Proposals Made to Standardize Terminology.  
by A. V. Derbisher, 5 pp.  
RUSSIAN, per. Standarty i Kachestvo, Moscow,  
Aug 1969, pp 53-54.  
JPRS 49168

*A. V. Derbisher*

USSR  
econ  
Nov 69

393,793

Quality and Quantity in Export Products Urged, 35  
by B. Gerdeb, 6 pp.  
MONGOLIAN, rpt. General Am'dral. Ulan Bator.  
No 8, 1968, pp 39-42.  
JPRS 47753

*B Gerdeb*

USSR  
LCM  
Apr 69

379,206

Testing Found: Synchronous Generators  
on a Factory Testing Unit, by A. E. Tolstun-  
ov, I. K. Derebeyeu, 5 pp.  
ISSUED, per, ~~XXXXXXXXXXXX~~ No 10,  
Oct 1957, 30 G-1.  
JFM 63/3

93

*I. K. Derebeyeu*

Sci-Electronics &  
Electrical Engr.  
Jan 63

367,105

The Effect of Electric Current on Cavitation  
Erosion and the Submicrostructure of Metal,  
by A. F. Derendovskii.  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 183,  
No 6, December 1968, pp 1292-1294.  
The Am Inst Phys.  
Vol 13, No 12, June 1969

Aug 69

390,273

A. F. Derendovskii

Chemical Protection of Equipment and Structures, <sup>10</sup>  
by Yu. Dereshkevich, 5 pp.  
RUSSIAN, np, Stroitel'naya Gazeta, 15 July 1966,  
p. 3.  
JPRS 37621

YU. DERESHKEVICH

USER  
Econ  
Oct 66

311,195

*68*  
The Uses of Natural Gas in the Thermal Genera-  
ting Station of E.D.F. by B. de Metz.  
RESEARCH, par, Rev Gen Thermique, Vol 7, Nov  
1968, pp 1227-1239.  
CNR/C.R. Trans 5193

*B de Metz*

Sci-Research Con  
Dec 69

398,167

60  
**Ten Years' Use of Natural Gas in the Thermal  
Generating Stations of Electricite de France,  
by B. de Metz.**

**FRENCH, par, Evans Gas Thermique, Vol 7, Nov  
1968, pp 1827-1839.**

**CMCB**

**C.E. Trans 5193**

*B de Metz*

**Sci-Energy Conversion**

**Feb 70**

**401,724**

Power Stations and Their Environment: Site and  
Amenity Problems, by B. de Retz, F. Scheurer,  
GERMAN, per, 7th World Power Conf 20-24 Aug,  
No 151, 1968, pp 26.  
NLLR86f50822.09 (5037)

13

B. DE RETZ

Sci-Elec  
July 69

385-402

Supply Organization Inventory to be Standardized, <sup>3</sup>  
by V. Derovychenko, 16 pp.  
RUSSIAN, per. Material'no-tekhnicheskoye  
Sobremennye, June 1968, pp 74-84.  
JPRS 46189

USSR

Moos

Sep 68

365,396

*Material'no-tekhnicheskoye*

Issue of the Industrial Development of the *2*  
Soviet Ukraine, by T. Derevyankin and S.  
Kul'chitskiy, 13 pp.  
USSRIAN, per, Ekonomika Sovetskoy Ukrainy, No.  
5, May 1967, pp. 9-17.  
JPRS 42238

T. DEREVYANKIN

USSR  
Econ  
Aug 67

333,512

A Soviet Officers' Reference Book, by Col P.  
Dorevyanko, 10 pp.  
RUSSIAN, per, Kommunist Vooruzhenykh Sil,  
No 10, 1966, pp. 85-90.  
JPRS 36734

10

*Dorevyanko, Col. P.*

USSR  
Mil  
Sept 66

308,300

Investigation of Turbulence by Optical Methods, 118  
by N. F. Derevyanko, A.N. Trokhan, 24 pp.  
RUSSIAN, par. Zhurnal Prikladnoy Mekhaniki i  
Tekhnicheskoy Fiziki, Moscow, July-Aug 1968,  
pp 105-116.  
JPRS 48162

*N. F. DEREVYANKO*

Sci-Phys  
July 69

383,747

76.  
On the Possibility of Measuring Turbulence by  
the Correlation Method, by N. P. Derevyanko.  
RUSSIAN, per, Zh Prikl Mekhan i Tekhn Fiz,  
No 8, 1968, pp 80-86.  
Dept of Navy API/JRU T-2190

*N. P. Derevyanko*

Sci  
Dec 68

368,658

11  
The Greatness of the Soviet Army and the  
Helplessness of its Critics, by P. Derevyanko  
and O. Rzhachevskiy, 9 pp.  
RUSSIAN, per, Kommunist, No. 3, Moscow,  
Feb 68, pp. 25-32.  
JPRS 45,217

*P. Derevyanko*  
USSR  
Political  
May 68

355,982

9  
Imperialism Condemned as Cause of World War II,  
by P. Derovyanko, 9 pp.  
RUSSIAN, par, Kommunist International,  
Moscow, No 17, Sept 1969, pp 17-24.  
JPRS 49013

USSR  
Pol  
Oct 69

P. Derovyanko

392,714

Experimental Investigation of Shock Wave  
Reflection from a Current Grid, by V. A. Derzvyanko  
et al. 11 pp.

RUSSIAN, per, Zhurnal Prikladnoy Mekhaniki i  
Tekhnicheskoy Fiziki, No 4, 1968, pp 136-141.  
FTD S-810

481-69

*V. A. Derzvyanko*  
aug 69

389,721

**Investigation of Turbulence by Optical  
Methods, by N. F. Derevyanko.  
RUSSIAN, per, Prikl Mekh i Tekh Fiz, No 4,  
1968, pp 105-116.  
CIA X-6903**

*N. F. Derevyanko*

**Feb 69**

**375,367**

~~AN EXPERIMENTAL STUDY OF THE ADSORPTION~~  
of Orthophosphate on the Ternary Borate  
Glasses. Part I, by B. Maier, E. Derg,  
H. G. Constabel.  
GERMAN, per, Glastechnische Berichte, Vol  
39, No 3, 1966, pp. 136-8.  
NTC 69-11645-118

86

*E. Derg*

Sci-Mat  
July 69

386,657

Training the Engineer, by A. Dergachev and  
I. Yermakov, 7 pp.  
RUSSIAN, np, Ekonomicheskaya Gazeta, No 9,  
Mar 1966, pp. 34-35,  
JPRS 35396

17

A. DERGACHEV

USSR  
Soc  
Jun 66

301,869

7  
New Conditions Improve Price Surveillance,  
by N. Dergachev, 7 pp.  
RUSSIAN, var. Sovetskaya Terrovyka, Moscow,  
May 1969, pp 16-19.  
JPRS 48453

*N. DERGACHEV*

USSR  
Icon  
July 69

388,107

49  
Better Supply of Vegetables, Fruit Urged, by  
N. Dergachev, 6 pp.  
RUSSIAN, per, Ekonomicheskaya Gazeta, Moscow,  
No 7, Feb 1969, p 29.  
JPRS 47779

*N. Dergachev*

Sci-Agr  
Apr 69

379,300

*N. Dergunov*

Short-Term Strength, Creep, and Ductility of Graphite  
at 300 to 3500°K, by N. Dergunov.  
RUSSIAN, rpt, All-Union Scientific-Technical Conference  
(No 5) Transaction., Paper No 5, 1967.  
HTC-71-10464-11B

Nov 71

*Н. Н. Дергачев*  
Creep of Structural Graphite in the 2300-3100°K  
Range, by N. N. Dergachev and U. Abrakimov. 5 pp.  
RUSSIAN, per, Конструктивные Материалы на  
Основе Графита, No 4, 1969, pp1 108-110.  
AIR/FTD-HI-23-95-71

Aug 71

*N. N. Dergunov*

Investigation of Short-Term Strength, Creep, and Impact Toughness of Graphite at 300-1500 K. Experimental Procedure and Results, by N. N. Dergunov, V. N. Barabanov, et al. 10 pp.

RUSSIAN, PER, Технический Материалы и Кон-  
структивные Элементы (Heat Resistance of Materials and Structural Elements), No 5, 1969, pp 354-361.  
AIR/FTD/HT-23-89-71

July 71

Existence of Periodic Motions and of Motions of  
Special Type for Hamiltonian Systems with a Small  
Parameter, by V. I. Derguzov.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol 186, No 4,  
1969, pp 757-760.

The Am Math Soc

Vol 10, No 3, May-June 1969

V. I. DERGUZOV

Nov 69

396,891

Containerization, its Necessity and the Possibilities  
of Developing it, by Tibor Deri, 20 pp.

GOVERNMENT USE ONLY

HUNGARIAN, per, Anyagmozgatas Csomagolas, Vol 14,  
1969, pp 947.

AKN/FSTC/HT-23-515-69

TIBOR DERI

Sci/Mech  
Feb 70

398,896

**Containerization - Necessity and Possibilities  
of Development, by Tibor Seri. 18 pp.  
GOVERNMENT USE ONLY  
HUNGARIAN, per, Kozlekedestudományi Szemle,  
No 4, 1969, pp 158-179.  
ARM/SEC/EE-23-477-69**

*Tibor Seri*

**Ear  
Moon  
Nov 69**

**395,838**

The Development of the Packaging Industry in  
Hungary, by Tibor Deli, 6 pp.  
GERMAN, per, Die Wirtschaft, Vol 2, Mar/Apr  
1967, pp 52, 57 & 58.  
ACR 3-6618  
ID 2206024387

*Tibor Deli*

EE-East Germany  
Econ  
Feb 68

347,438

*A DERIBAS*

Container Transportation System Delineated,  
by A. Deribas, G. Khataynov, 10 pp.  
RUSSIAN, np. Gudok, Moscow, 29 Jan 1972, p 2.  
JPRS 55317

Mar 72

*N. A. Dering*

Investigation of Modification of Surface of Powdered  
Silica GEL, by N. A. Dering, 7 pp.

RUSSIAN, per, Tekhnologiya i Avtomatizatsiya  
Proizvodstv Osnovnoy Khimicheskoy Promyshlennosti,  
Vol 19, 1969, pp 128-133

FTD-HC-23-174-72

Aug 72

*AEC* (UCRL-Trans-10616-4) EFFECTS OF AN UNDER-  
GROUND NUCLEAR EXPLOSION ON THE SURROUNDING ROCK,  
CONTENT OF THE CAVITY AND CHIMNEY, AND OF THE ZONES  
OF CRUSHING AND FRACTURING. *Derlich, S.* Translated for  
Univ. of California Lawrence Livermore Lab., from report IAEA-  
PL-388-10. 24p. Dep. NTIS.

geology; nuclear explosions 8G, 18C

STD-35 P NSA

11UCRL-Trans-10617-3) 1UNDERGROUND NUCLEAR  
EXPLOSIONS. A Study of the Zones of Fracturing. 4Derlich,  
Serge. 10Translated for Univ. of California Lawrence Livermore  
Lab., from report 11CEA-R-3941. 2042p. 24Dep. NTIS.

21geology; nuclear explosions 278G, 18C

28STD-35 29P NSA

V. S. DERNOVA

**Intensities and Electrooptical Parameters  
in the Vibrational Spectra of Group  
IV Element Tetrachlorides, by  
V. S. Dernova.**

**RUSSIAN, per, Dok Ak Nauk SSSR, Fiz  
Khim., Vol 202, No 3, Jan 1972,  
pp 625-628.  
CB**

Aug 72

*R. Deroenne*

Measurements of the Central Temperature During  
Muscular Exercise in a Hot Environment, by

R. Deroenne, et al.

GERMAN, per, Internationale Zeitschrift für

Anatomie, Physiologie, Experimentelle

Arbeitsphysiologie, Vol 27, 1969, pp 138-143.

HTC 71-13840-068

Feb 72

133  
Nondestructive Testing at the Hot Laboratories  
of the Cea, Grenoble, by E. de Robien, A. Lacimbro,  
8 pp.

FRENCH, rpt, Symposium International sur les Methodes  
de Travail dans les Laboratoires Chauds de Hautes  
Activites, Grenoble, 15-18 Jun 1965, 9230292.  
AEC DENL-tr-749

202,955

Sci- Nuclear Sci & Tech  
Nov 65

Direct Epoxidation by Autoxidation of  
Olefins, Pt. II, 1-Butene and 2-Butene,  
by I. Serres de Roch.  
FRANCE, par, Bulletin, Societe Chimique de  
France, No 7, 1965, pp 1979-1985.  
SA 44-66-10653

*I. Serres de Roch*

Sci-Chem  
Jul 66

305,567

Catholics and Communists in Italy Today,  
by Fr. Giuseppe de Rose, S.J., 9 pp.  
ITALIAN, per, La Civiltà Cattolica, No 2702  
(Vol 117), 21 May 1966, pp. 305-314.  
JPRS 37070

Fr. Giuseppe de Rose

WE-Italy  
Pol  
Sept 66

310,093

Italian Communism Today Analysed in  
Civiltà Cattolica, by Giuseppe De Rosa,  
19 pp.  
ITALIAN, per, La Civiltà Cattolica, Vol  
117, No 2777, 5 Mar 1966, pp. 467-468.  
JPRS 34831

Giuseppe De Rosa.

WE-Italy  
Pol  
Apr 66

298,359

Special Aspects of Safety Problems in  
Steelworks Transport and Handling Depart- 71  
ments, by Derossier; Theissen.  
FRANCE, ppt, Paper Presented at the Inter-  
national Steelworks Transport Conference  
at Dusseldorf, 1965, pp 19.  
BST 4563

*DEROSSIER*

St-France  
Sci/Eng  
Feb 66

294,648

*E. G. Derouane*

High-Resolution N.M.R. Study of an Adsorbed System.  
(Part I) Examination of a Triphase Nuclear System,  
by E.G. Derouane.

FRENCH, Societes Chimiques Belges Bulletin, Vol. 78,  
pp.89-99, 1969.

NTC 71-11019-07D

11008

August 71

Diodes Designed for Millimeter  
Detection, by H. Leroy.  
FRANCE, pt, Ann Radio Elect, Vol XXI, no 80,  
1966, pp 312-319.  
NASA TT 1-10,824

*H. Leroy*

Sci - Elect & Elec  
May 67  
CONFIDENTIAL (S)

12A            324,177

70-13371-14E

Derstuganov, G. V.

EFFECT OF THE DEVELOPER COMPOSITION AND THE DEVELOPMENT CONDITIONS ON THE REPRODUCTION OF LOW CONTRAST IMAGE DETAILS BY PHOTOGRAPHIC EMULSION. Uspekh Nauchnoi Fotografii, v. 13, p. 198-201, 1968.

Order from NTC as 70-13371-14E: HC \$ 6.70, MF \$ 5.80.

Gas Pipeline System of the North Described,  
by A. K. Dartsakyan, A. A. Al'tamul', 9 pp.  
RUSSIAN, par. Состояние Промышленности,  
Moscow, No 11, 1969, pp 13-16.  
JPRS 90168

95

A.K. Dartsakyan

Sci-Tech, Ind, Civ & Mar Engr  
Apr 70 405,304

Implementation of the Training Measures of  
Commitment to Disciplinary Centers and Increased  
Supervision of Juveniles, by Marija Rajković,  
and Muhamed Dervisbegovic, 12 pp.

31

SERBIAN, per, Politika Politika, No 6-7,  
Jan-Jul 1966, pp. 690-690.

JPRS 37691

Muhamed Dervisbegovic

Yugoslavia  
100  
Oct 65

311,880

16  
economic Development of the Village in Albania,  
by Frapo Dervishi, 9 pp.  
ALBANIAN, np, Rashkimi, 26 Aug 1965, pp 2,3,4.  
JPRS 32572

*Dervishi, Frapo*

EE - Albania  
Econ  
Nov 65

291,580

Economic Development of Vlore Rreth, by Rrapo  
Dervishi, 5 pp.  
ALBANIAN, no. 24, Vol 24, 24 Aug 1966,  
p. 3.  
JPRS 37993

15

RRAPO DERVISHI

EE-Albania  
Econ  
Oct 66

313.27

The SEV-1 Stearocomputer, by V. D. Derviz.  
FOR GOVERNMENT USE ONLY  
RUSSIAN, per, Confession & Interrogation, No 1,  
1968, pp 37-49.  
ARM/WSEC/23-23-27-68

V. D. DERVIZ

Sci/Math&Equip  
Jan 69

354,862

Aerial Camera APN-7 and its Tests, by 104  
V. B. Il'in, V. D. Lerman. 11 pp.  
ISSLEDOVANIYA, Ser. Trudy Moscov. Tsentral'nyy Nauchno-  
Issledovatel'skiy Institut Godeani, Aeronavtika  
i Kertonavtika. No 185, 1966, pp 94-101.  
REF ID: A66-231-68

V. D. Lerman  
Sci/Methods & Equipment  
Feb 69

375,544

Registration of Gulls Stored at Los Angeles  
Station, by L. V. Sabinova and G. V. David,  
7 pp.  
Soviet, par, Foreign Information Bulletin,  
Vol. 11, No. 2, Nov/Dec 1964, pp. 27-31.  
JPRS 30307

1822  
Sai-B/M  
Jun 65

271,420

98

The SKY-1 Stereocomparator, by Y. D. Derviz,  
15 pp.  
RUSSIAN, par, Geodesiya i Kartografiya, No 1,  
1968, pp 37-49.  
ACSI J-4790  
PSTC-HT-23-27-68

Y. D. Derviz

Sci/Inth & Equip  
Aug 68

361.3A

The Tarn'yevskoye Pyrite Deposit and Problems  
of its Origin, by N. I. Der'yabin,  
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 188, No 5,  
1969, pp 1113-1115.  
AGI

July 70 N. I. DER'YABIN

2  
Material Incentive Systems in CEMA Countries,  
by R. Volodarskaya, M. Deryabina, 14 pp.  
RUSSIAN, per. Ekonomicheskaya Mysl', Moscow,  
No 8, 1969, pp 59-66.  
JPRS 49067

*M Deryabina*

USSR  
Econ  
Nov 69

393,666

**Manual and Psychological Instructions for Base** 39  
**Area Support Groups of the Airborne Forces, by**  
**M. Deryadin, 6 pp.**  
**RUSSIAN, par. 22.1 22.2, No 7, 1968,**  
**pp 26-30.**  
**AM/1002/12-23-68-68**

M. DERYADIN

**Ref/behavior**  
**Apr 69**

**380,154**

DERYAGIN, B. and KURGIN, Yu. S. Non-stable evapora  
of a drop of liquid covered with an adsorbed layer.  
Dokl. Akad. Nauk SSSR 155(3):644-6 (1964) (CSIRO/No. 9

*Deryagin B*

Groundlessness of a Purely Thermodynamical Approach  
to the Study of Adhesion Between Solids, by  
S. Vaynskiĭ, B. Deryagin.  
RUSSIAN, per. Kolloid. Zh. Vol. 27, No. 4, 1965,  
pp 604-606  
CHINA/ No. 7971

*B. DERYAGIN*

Eci -  
Aug 67

337-220

New Properties of Liquids, by B. V. Deryagin  
and N. V. Churayev,  
RUSSIAN, bk, Novye Svoistva Zhidkosti,  
\*CB

Sept 66

34  
48

**Measuring the Index of Refraction of  
Structurally Modified Water, Using the  
Capillary Micromethod, by B. V. Deryagin and  
Z. N. Zoria**

**RUSSIAN, per, Reports of the Academy of Sciences  
of the USSR, Vol 182, No 4, 1968, pp 811-814.  
Dept of Navy SEC Trans No-2762(a)**

*B. V. Deryagin*

**Sci-Chemistry  
Feb 69**

769.609